

TOPOGRAPHIC SURVEY CONTROL POINT RECORD

STATION LONG NAME	BA15
STATION NUMBER	BA15
4 CHAR ID	BA15
COUNTRY	IRAQ
LOCATION	KHABRAT BANI HUSAYN
SURVEYING AGENCY	IGRS
DATE (OF DESCRIPTION)	09 AUG 05

CONTENTS	YES	NO	NO OF PAGES
FIELD COORDINATE VALUES	x		1
OFFICE COORDINATE VALUES	x		1
STATION MONUMENT & SITE DETAILS	x		1
STATION DIAGRAM	x		1
ACCESS MAP	x		1
ACCESS DESCRIPTION	x		1
APPROACH PHOTOGRAPHS	x		1
CARDINAL POINT PHOTOGRAPHS	x		2

RECORD OF VISITS

DATE OF VISIT	NAME	UNIT	REMARKS

ADDITIONAL DETAILS/ENCLOSURES

CONTENTS	NO OF PAGES

FIELD COORDINATE VALUES

STATION LONG NAME	BA15
4 CHAR ID	BA15
STATION NUMBER	BA15

THIS STATION IS NEW	YES
IDENTICAL / NEARLY IDENTICAL WITH	N/A

FIELD VALUES FROM THE RECEIVER / HAND HELD GPS – IN WGS84

LATITUDE N	29° 42' 11.0"
LONGITUDE E	046° 49' 47.9"
HT (M)	+27
GRID ZONE DESIGNATOR	38R
UTM / MGRS GRID	38R PT 77035 87282
SURVEYING AGENCY	IGRS

FIELD INPUT BY: SPC CHAMBERS	UNIT: IGRS	DATE: 09 AUG 2005
FIELD CHECKED BY: SGT. O'NEAL	UNIT:IGRS	DATE: 09 AUG 2005

OFFICE COORDINATE VALUES

WGS 84 ADJUSTED VALUES AS AT: 25 Aug 05

LATITUDE N	29° 41' 54.78352"
LONGITUDE E	046° 49' 48.46750"
SPHEROIDAL HT (M)	183.616
ORTHOMETRIC HT (M)	-10.924
VERTICAL DATUM	WGS 84
GEOID MODEL USED	EGM 96
RELATIVE TO	CORS STATIONS
RELATIVE POSITION ACCURACY (M)	0.010
RELATIVE HEIGHT ACCURACY (M)	0.018
ADJUSTING AGENCY	OPUS
ADJUSTMENT DATE	25 AUG 2005

LOCAL DATUM VALUES AS AT: 25 Aug 05

SPHEROID	N/A
PROJECTION	N/A
GRID	N/A
VERTICAL DATUM	N/A
LATITUDE N / S	N/A
LONGITUDE E / W	N/A
EASTINGS (M)	N/A
NORTHINGS (M)	N/A
SPHEROIDAL HT (M)	N/A
ORTHOMETRIC HT (M)	N/A
GRID ZONE DESIGNATOR	N/A
TRANSFORMATION AGENCY	N/A
TRANSFORMATION DATE	N/A

GRAVITY VALUE: N/A	TYPE OF STN: N/A	REF: N/A
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AIR PHOTO: N/A	REF: N/A	SCALE: N/A
IMAGERY: N/A	REF: N/A	SCALE: N/A

OFFICE INPUT BY: LCPL COWARD	UNIT: IGRS	DATE: 25 AUG 2005
OFFICE CHECKED BY: LCPL DICKEN	UNIT: IGRS	DATE: 25 AUG 2005

STATION MONUMENT AND SITE DETAILS

STATION LONG NAME: BA15	
STATION NUMBER: BA15	4 CHAR ID: BA15
LOCATION: KHABRAT BANI HUSAYN	COUNTRY: IRAQ
STATION ADDRESS: N/A	
TEL: N/A	FAX: N/A
LAND OWNER ADDRESS: N/A	
TEL: N/A	FAX: N/A
TYPE OF MARK: HARN	
CONDITION: GOOD	
MARK SETTING: REBAR FINE MARK	NO OF REBARS: 2

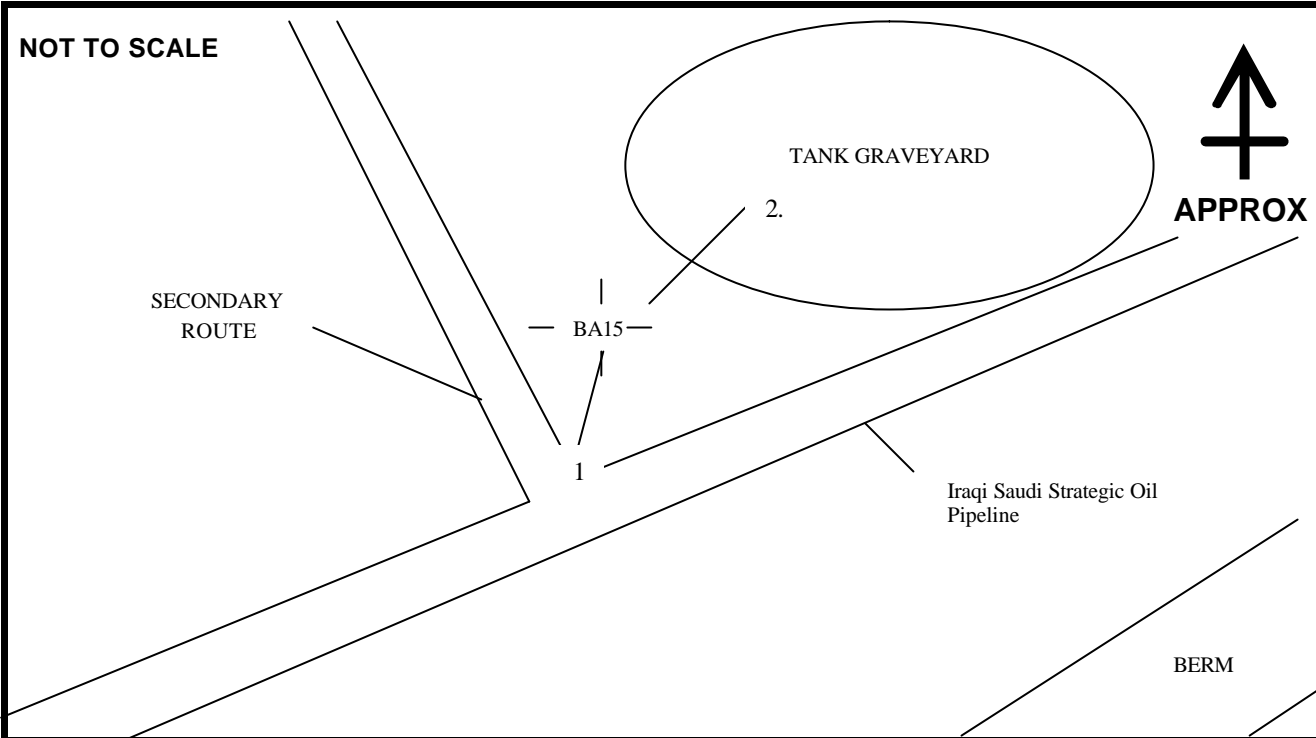
MONUMENT PHOTO / SKETCH



PREPARED BY: SPC CHAMBERS	UNIT: IGRS	DATE: 09 AUG 2005
CHECKED BY: SGT. O'NEAL	UNIT: IGRS	DATE: 09 AUG 2005

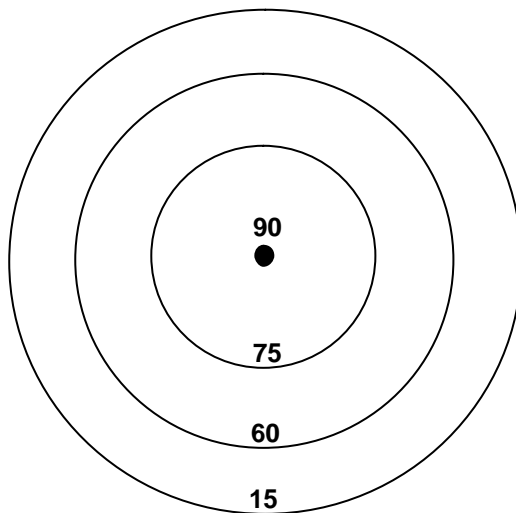
STATION DIAGRAM

STATION LONG NAME: BA15	
STATION NUMBER: BA15	4 CHAR ID: BA15



NO	DESCRIPTION	BRG/HORZ ANGLE	DISTANCE
1	CNR. OF ACCESS RD.	43°	120 M
2	TANK 'GRAVEYARD'	210°	100 M
3			
4			

OBSCURITY DETAILS



PREPARED BY: SPC CHAMBERS	UNIT: IGRS	DATE: 09 AUG 2005
CHECKED BY: SGT. ONEAL	UNIT: IGRS	DATE: 09 AUG 2005

1

ACCESS MAP

STATION LONG NAME: BA15

STATION NUMBER: BA15

4 CHAR ID: BA15

MAP DETAILS

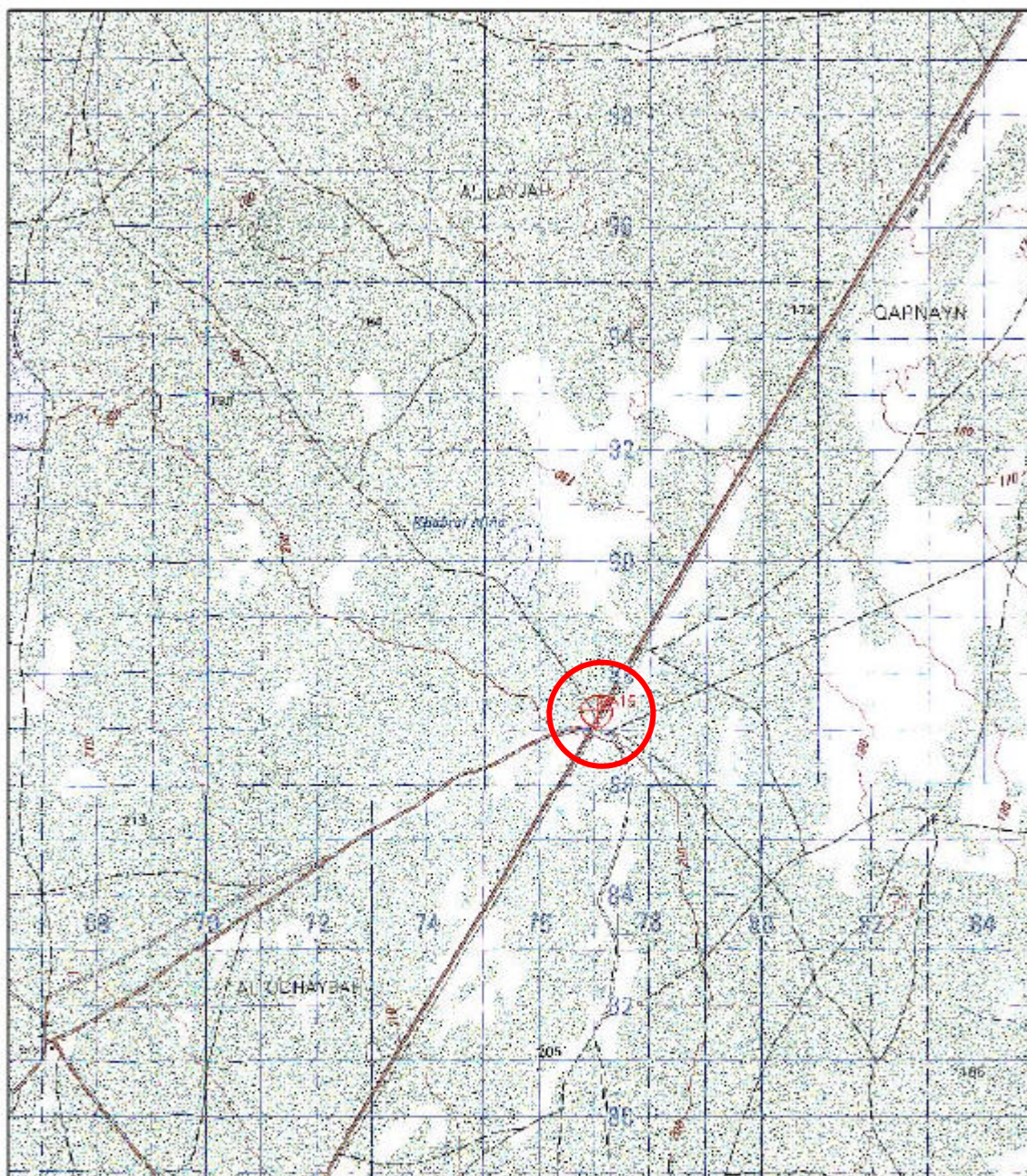
SERIES: K643

SHEET: 5349

EDITION: 2-NIMA

SCALE: 1:100,000

GR: 38R PT 77035 87282



PREPARED BY: SPC CHAMBERS

UNIT: IGRS

DATE: 09 AUG 2005

CHECKED BY: SGT ONEAL

UNIT: IGRS

DATE: 09 AUG 2005

ACCESS DESCRIPTION

STATION LONG NAME: BA15		
STATION NUMBER: BA15		4 CHAR ID: BA15

MAP DETAILS	SERIES: K643	SHEET: 5349
EDITION: 2-NIMA	SCALE: 1:100,000	GR: 38R PT 77035 87282

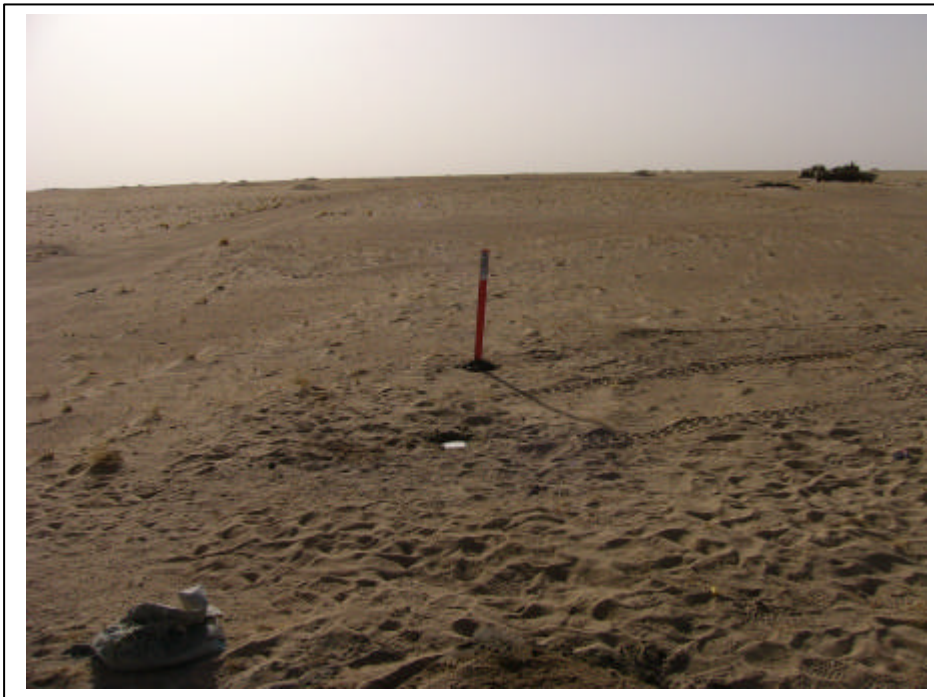
To reach the survey marker BA15: From the junction of Route 8 and the Iraqi Saudi Strategic Oil Pipeline, at grid location: 38R QU 299 430. Junction is southwest from large gas/oil separation plant. (Near the Al BATIN region of AR RAFI 'IYAH), travel southwest for approximately 64.5km along the Iraqi Saudi Oil Pipeline, to grid location: 38R PT 770 870. From that location turn right (northeast) and proceed approximately 150m to survey marker BA15 at grid location: 38R PT 77035 87282.

PREPARED BY: SGT. ONEAL	UNIT: IGRS	DATE: 12 AUG 2005
CHECKED BY: SGT. ONEAL	UNIT: IGRS	DATE: 12 AUG 2005

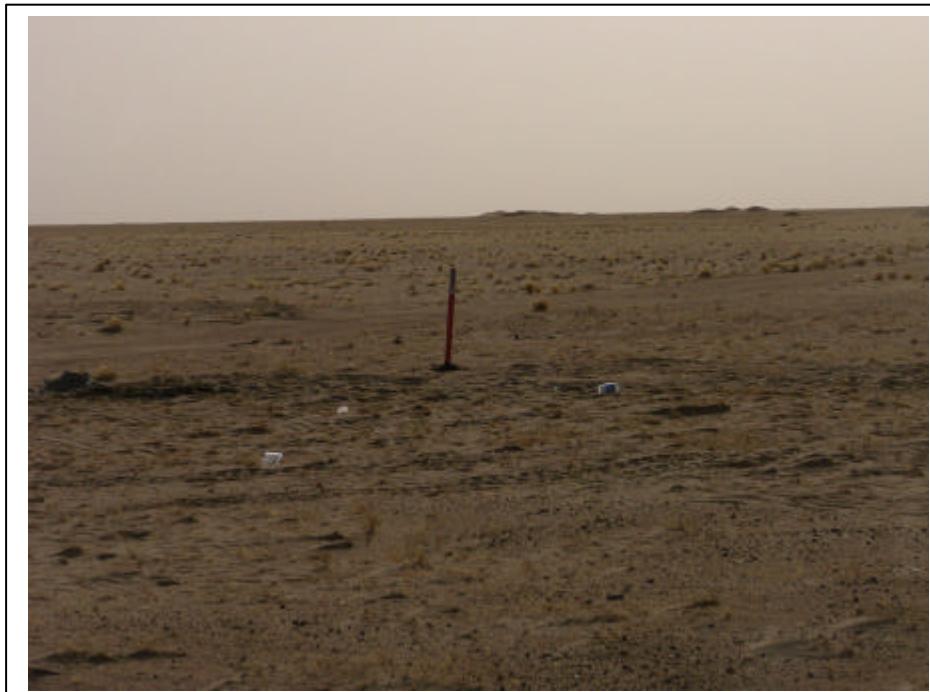
APPROACH PHOTOGRAPHS

STATION LONG NAME: BA15	
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NEAR APPROACH FACING NORTH



FAR APPROACH FACING NORTH



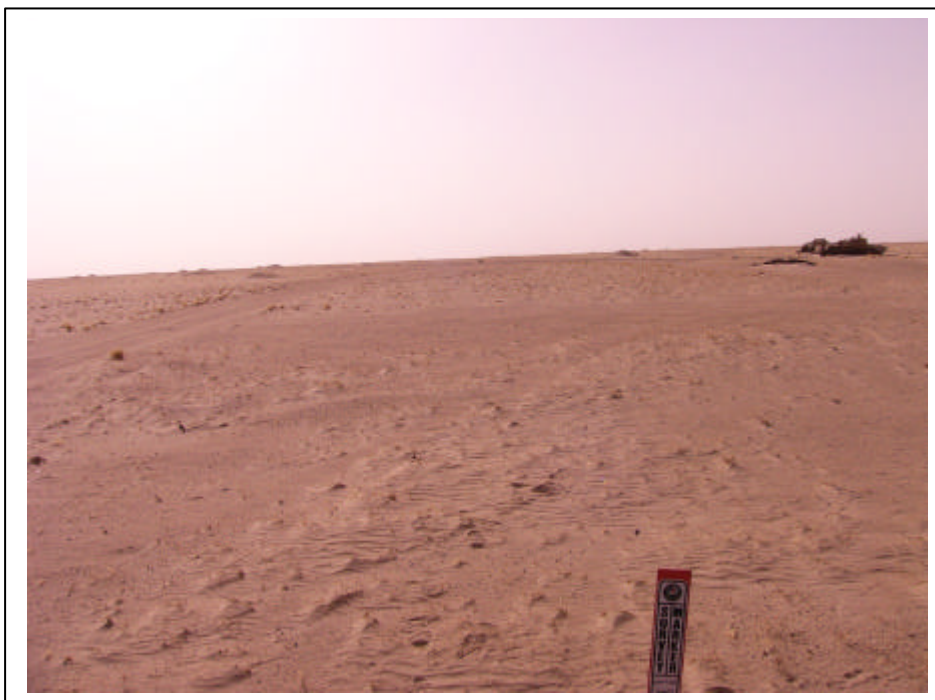
TAKEN BY: SPC CHAMBERS	DATE TAKEN: 09 AUG 2005
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PAGE 7 OF 9

CARDINAL PHOTOGRAPHS

STATION LONG NAME: BA15	
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NORTH



SOUTH



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CARDINAL PHOTOGRAPHS

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EAST



WEST



TAKEN BY: SPC CHAMBERS	DATE TAKEN: 09 AUG 2005
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PAGE 9 OF 9